

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Nielsen et al.

Confirmation No.:

Application No.:

Examiner:

Filing Date: March 10, 2004

Group Art Unit:

Title: MATERIALS AND METHODS FOR FREEFORM FABRICATION OF SOLID  
THREE-DIMENSIONAL OBJECTS USING FUSIBLE, WATER-CONTAINING SUPPORT  
MATERIALS

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of national application; or before  
mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:  
☐ Statement under 37 CFR 1.97(e), or  
☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(After the 37 CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:  
☐ Statement under 37 CFR 1.97(e)(1) or (2), and  
☐ a \$180.00 fee set forth in 37 CFR 1.17(p).  
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00. At any time during the  
pendency of this application, please charge any fees required or credit any overpayment to Deposit  
Account **08-2025** pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with  
any required copies of patents, publications or other information of which applicant(s) are aware, which  
applicant(s) believe(s) may be material to the examination of this application and for which there may be  
a duty to disclose in accordance with 37 CFR 1.56.

☐ A concise explanation of the relevance of foreign language patents, foreign language publications  
and other foreign language information listed on PTO Form 1449, as presently understood by the  
individual(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the  
attached sheet, or where a foreign language patent is cited in a search report or other action by a  
foreign patent office in a counterpart foreign application, an English language version of the search  
report or action which indicates the degree of relevance found by the foreign office is listed on form PTO  
1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. **EV 325782522US**

Date of Deposit **March 10, 2004**

I hereby certify that this is being deposited with the  
United States Postal Service "Express Mail Post  
Office to Addressee" service under 37 CFR 1.10 on  
the date indicated above and is addressed to:  
Commissioner for Patents, Alexandria, VA  
22313-1450

By

Typed Name: **Christopher Houghton**

Respectfully submitted,

**Nielsen et al.**

By

**Edgar R. Cataxinos**

Attorney/Agent for Applicant(s)

Reg. No. **39,931**

Date: **March 10, 2004**

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

200313995-1

APPLICATION NO.

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APPLICANT

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GROUP

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A	5,072,770	12/17/1991	Yodice	
	1B	6,253,116 B1	06/26/2001	Zhang et al.	
	1C	6,437,034 B2	08/20/2002	Lombardi et al.	
	1D				
	1E				
	1F				
	1G				
	1H				
	1I				
	1J				
	1K				

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L					
	1M					
	1N					
	1O					
	1P					

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	1Q	Objet, PolyJet 2nd Generation Technology, <a href="http://www.objet.co.il/Tech">http://www.objet.co.il/Tech</a> , 6 pages (2003).
	1R	Objet, The Eden 330 Rapid Prototyping Systems, <a href="http://www.objet.co.il/Products/eden330">http://www.objet.co.il/Products/eden330</a> , 4 pages (2003).
	1S	Objet, Objet QuadraTempo, 3d Rapid Prototyping Inkjet System, 2 pages (2001).

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	2L					
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	2O					
	2P					

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

2Q	Objet, Objet FullCure 700 Series, <a href="http://www.objet.co.il/Products/fc700">http://www.objet.co.il/Products/fc700</a> , 4 pages (2003).
2R	Objet, Objet FullCure510 Series, <a href="http://www.objet.co.il/Products/fc510">http://www.objet.co.il/Products/fc510</a> , 1 page (2003).
2S	Objet, Objet Studio Software, <a href="http://www.objet.co.il/Products/software">http://www.objet.co.il/Products/software</a> , 1 page (2003).

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	3P					

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

3Q	Fused Deposition Modeling, <a href="http://home.att.net/~castleisland/fdm_int.htm">http://home.att.net/~castleisland/fdm_int.htm</a> , 2 pages, 7/21/03.
3R	Inkjets, <a href="http://home.att.net/~castleisland/">http://home.att.net/~castleisland/</a> , 4 pages, 8/27/03.
3S	

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